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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/888,222	06/22/2001	Samuel Yin Lun Pun	P-2177	7524

7590 09/22/2005

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EXAMINER
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ARMSTRONG, ANGELA A

ART UNIT	PAPER NUMBER
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2654

DATE MAILED: 09/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/888,222

Applicant(s)

PUN ET AL.

Examiner

Angela A. Armstrong

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 3/21/05.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-28 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                    | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date. _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. Claims 1-24 and 27 are rejected under 35 U.S.C. 102(b) as being anticipated by

Nakayama et al (US Patent No. 4,531,119).

Regarding claim 1, Nakayama discloses a method for generating Japanese text in response to signals generated by a user (col. 1, line 63 to col. 2, line 5) comprising; receiving signals generated by the user which specify one or more collections each of which includes one or more syllables (col. 2, lines 51-62); determining that one or more predicted words include any syllable of each of the one or more collections (col. 2, lines 51-62); presenting the one or more predicted words to the user for selection (col. 2, lines 51-62).

Regarding claim 2, Nakayama discloses the one or more collections are each associated with a respective consonant (col. 3, lines 4-10).

Regarding claim 3, Nakayama discloses a vowel one of the one or more collections is associated with a null consonant (col. 3, line 4-10).

Regarding claim 4, Nakayama discloses one or more collections correspond to a fifty sounds table (col. 2, line 51 to col. 3, line 64).

Regarding claims 5-6, Nakayama discloses the signals generated by the user specify each of the one or more collections in response to a corresponding single key press (col. 2, line 51 to col. 3, line 64).

Regarding claims 7-8, Nakayama discloses determining the kanji representation of each of the one ore more predicted words and presenting the one or more predicted words comprises presenting the kanji representation of each of the one or more predicted words (col. 2, lines 51-62)

Regarding claim 27, Nakayama discloses implementation on a computer (figure 1).

Regarding claims 9-16 and 17-24, claims 9-16 and 17-24 are similar in scope and content to claims 1-8 rejected above, and are therefore rejected under similar rationale.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out

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the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

2. Claims 25-26 and 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nakayama in view of Ho et al (US Patent No. 6,307,541).

Regarding claims 25-26 and 28, Nakayama does not disclose the system for generating Japanese text is implemented via a wireless telephone or text messaging device. Ho discloses a method and system for inputting characters through virtual keyboards from a mobile phone (Figures 2-6). It would have been obvious to one of ordinary skill at the time of the invention to modify the system of Nakayama for implementation in a wireless phone or text messaging device, as suggested by Ho, for the purpose of providing inputting of Japanese characters at a high speed in a convenient and efficient manner to mobile and wireless users.

### ***Response to Arguments***

3. Applicant's arguments filed March 21, 2005 have been fully considered but they are not persuasive. Applicant argues "Claim 1 recites receiving signals generated by the user which specify one or more collections each of which includes one or more syllables." Applicant argues Nakayama et al do not teach signals representing collections of syllables as recited in Claim 1, and further argues "since all syllables of the Japanese language are represented using individual keys, there is no need to consider (and therefore not suggestion for) collections of syllables. The Examiner disagrees and argues, Nakayama teaches the input of syllables of the Japanese

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language via a key input and thus an input of one key yields “one collection which includes one syllable”, and an input of multiple keys would accordingly yield one or more collections which includes one or more syllables.

### ***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Angela A. Armstrong whose telephone number is 571-272-7598. The examiner can normally be reached on Monday-Thursday 11:30-8:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Richemond Dorvil can be reached on 571-272-7602. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Angela A Armstrong  
Primary Examiner  
Art Unit 2654

AAA  
September 19, 2005

*Angela A. Armstrong*